

ABSTRACTELECTROCHEMICAL TREATMENT OF METALS

5 A method for treating a metal comprises subjecting the  
metal to electrolysis in the presence of an electrolyte  
using alternating pulses of voltage and/or current, said  
alternating pulses being of opposite polarity, wherein if  
the electrolyte is an aqueous electrolyte it is an aqueous  
10 solution of a salt selected from the group consisting of  
alkali metal salts, alkali earth metal salts, aluminium  
salts and ammonium salts. The method is effective in  
improving the surface properties of the metal, such as  
hardness, friction and wear properties.

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